**Feel the Beat**

**Practice Sheet**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Group: \_\_\_\_\_\_\_\_\_**

**Miranda Wrights has just finished collecting data for her Feel the Beat experiment. Her essential question is: How does eating a menthol cough drop affect your heart rate? She took 14 test subjects of varying ages and abilities and asked them to sit at rest for 10 minutes before taking their pulse. When this was completed, she gave each test subject two very strong menthol cough drops and had the test subjects suck on them until they were half dissolved. Then she took their pulse again. Here is her raw data:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Pulse Before Cough Drop** | **Pulse After Cough Drop** | **Number of Pulses Increase** | **Percent of Increase** |
| **Mary** | **70** | **110** | **40** | **57%** |
| **Jen** | **78** | **99** | **21** | **27%** |
| **Harry** | **102** | **158** | **56** |  |
| **Jessica** | **98** | **120** | **22** |  |
| **Jordan** | **89** | **121** |  |  |
| **Dee** | **67** | **138** |  |  |
| **Rick** | **77** | **144** |  |  |
| **Jan** | **104** | **112** |  |  |
| **Nicole** | **55** | **119** |  |  |
| **David** | **66** | **122** |  |  |
| **Elis** | **72** | **133** |  |  |
| **Alex** | **75** | **146** |  |  |
| **Courtney** | **80** | **126** |  |  |
| **Averages** |  |  |  |  |

**Use AVERAGING and PRECENTAGE to complete this table. Show your work on the back.**